

CDF Decommissioning Plans

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All (former) Experimenters' Meeting

24 October 2011

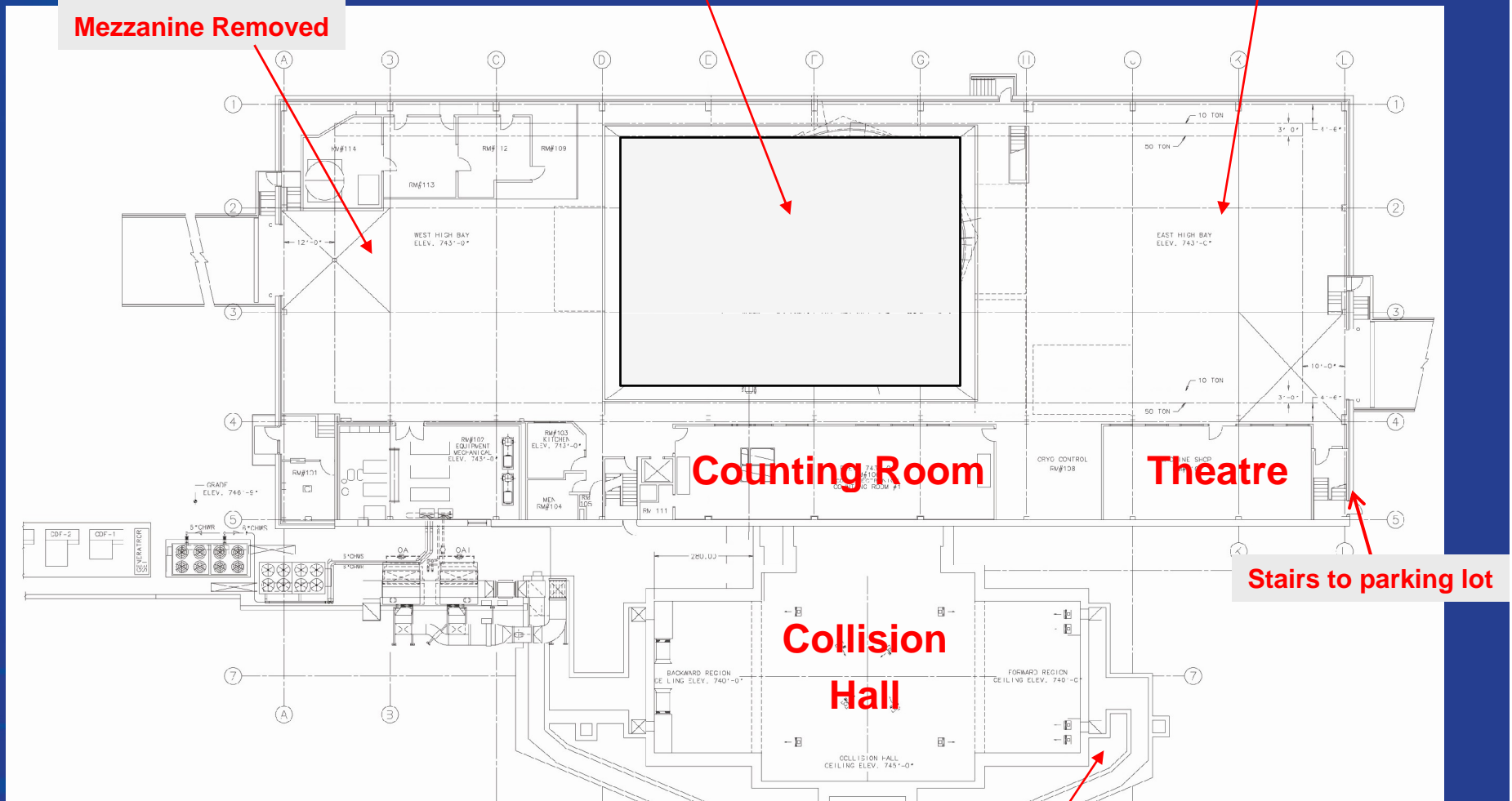
Scope

- All hazards related to CDF experimental program mitigated
- 2nd floor, collision hall and adjacent section of Tevatron tunnel ready for tour groups of ~49 people
- West high bay cleared for iARC use
- East high bay prepared for PPD detector development and construction lab
- Assembly pit prepared for joint PPD/iARC use
- Office areas and 1st floor counting room cleaned and ready as adjunct to PPD activities in high-bay
- 3rd floor computer room for CDF analysis servers

**West Bay-- IARC:
Broom Clean
Mezzanine Removed**

**30' Deep Pit:
Cable Bridge
Removed**

**East Bay--PPD:
Useful hardware recovered
Workspaces readied**



**Access to section
of Tevatron tunnel**

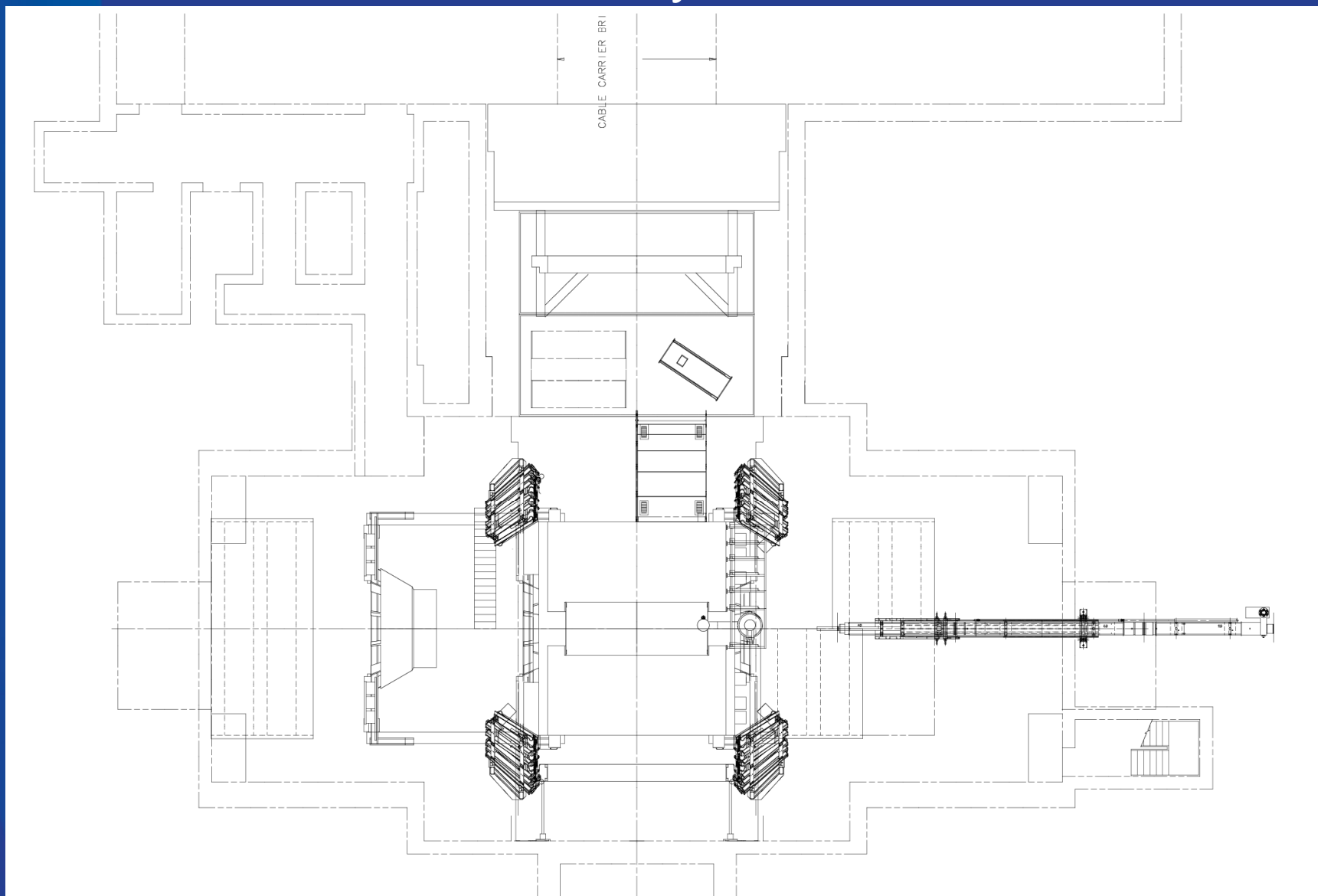
Plans for Display

- Theatre
 - Place for visitors to assemble
 - Meet scientist?
 - Movie?
- Trigger room
 - Electronics on display
 - Other displays?
- Control room
 - Flashing screens look almost like we are running
- Collision hall
 - North and west sides blown open
 - Plastic covers, view of COT face, etc.
 - South and east, closed up in running configuration

Display Effort

- Working with Public Affairs and Education
- Making posters to document our achievements
 - Mix of hardware and physics
 - Ben Kilminster coordinating
- Interactive activities geared mostly toward middle school
 - Cosmic-ray test stand, etc.
- CDF people: Ben Kilminster, Anna Mazzacane, JDL
- Life safety improvements in tour areas
 - Doors, walkways
 - Remove obstructions
 - Remove halon, sprinkler mods

Planned Collision Hall Layout



Schedule

- October-December
 - Secure detector
 - Recover electronics
 - Cleanout highbays
 - Consolidate/remove cabinets
 - Remove gas racks, motor-generators, etc.
- December
 - Demolish mezzanines
- January
 - IARC construction begins
 - No access to west door
 - Recover PMTs, etc. from detector

Schedule, cont.

- March-April
 - Remove cable bridge
- April
 - IARC tie-in work on north side
 - Begin collision hall work
- Ongoing
 - Counting room clean-up
 - Remove process systems
 - Life safety improvements for tours
 - IARC integration

Storage of components that may have future use

- Detector Items

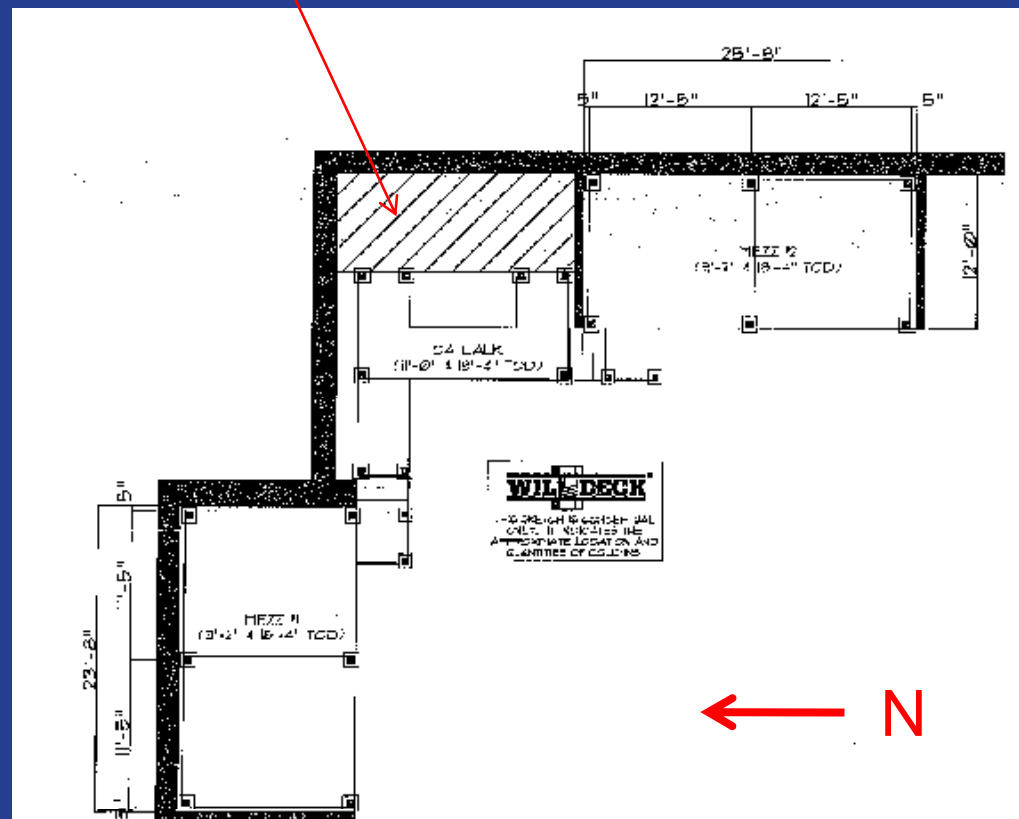
- They are safe in situ
- Not worth labor to pull down if no use identified
 - Phototubes, Radeka preamps, etc.

- Shelf Items

- Over the years CDF has collected lots of good stuff
 - What you want for a detector lab (fittings, valves, connectors)
 - We will sort to keep what is most generally useful
- Don't want building to be a warehouse
 - Plan for storage mezzanines in pit alcoves without crane coverage
 - Sufficient space for all lockers now in high-bay

Alcove Plan

Stairs



Status

- Systems secured
 - No flammable gas or HV
 - Central detector power off
 - Solenoid warm
 - Minimal systems operating to support silicon annealing studies
 - End 11/1
- Clean-up in full swing
 - Priority to recover of items useful to other efforts
 - Throwing away CDF-specific items as we encounter them
 - ~20 skids out the door in the past two weeks

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